

In the Claims

Kindly add claims 39 and 40, cancel claims 22-26, 28, 34-37, and kindly amend claims 16, 17, 19, 27, 29, 31, 32, and 33 as indicated below in the following listing of the entire claims now pending.

Claims 1 – 15 (canceled)

Claim 16 (currently amended) A glass etching composition consisting essentially of comprising 1 to 10 w/v % of fluoride of a fluoride selected from the group consisting of sodium fluoride, potassium fluoride, ammonium fluoride, sodium bifluoride, potassium bifluoride and ammonium bifluoride, 20 to 80 v/v % of water and 20 to 80 v/v % of water-miscible of a water-miscible organic solvent selected from the group consisting of glycerin, a glycol, a glycol ether and an alcohol.

Claim 17 (currently amended) A The glass etching composition as claimed in claim 16 consisting essentially of, further comprising 1 to 10 w/v % of a fluoride selected from the group consisting of sodium fluoride, potassium fluoride, ammonium fluoride, sodium bifluoride, potassium bifluoride and ammonium bifluoride, 20 to 80 v/v % of water, 20 to 80 v/v % of a water-miscible organic solvent selected from the group consisting of glycerin, a glycol, a glycol ether and an alcohol, and 1 to 10 w/v % of a gelling agent selected from the group consisting of hydroxypropyl cellulose, hydroxyethyl cellulose, methyl cellulose, carboxymethyl cellulose and sodium carboxymethyl cellulose. that gels the glass etching composition.

Claim 18 (previously presented) The glass etching composition as claimed in claim 16 or 17, further comprising sucrose as a stabilizer.

Claim 19 (currently amended) The glass etching composition as claimed in claim 16 or 17, further comprising a surfactant at least one surfactant selected from the group consisting of an anionic surfactant selected from the group consisting of dodecylbenzene sodium sulfonate, alkylbenzene sodium sulfonate, lignine calcium sulfonate, perfluoroalkyl sulfonate, perfluoroalkyl carboxylate and perfluoroalkyl phosphate, a non-ionic surfactant selected from the group consisting of polyoxyethylene acetyl ether, polyoxyethylene lauryl ether, polyoxyethylene oleil ether, polyoxyethylene stearyl ether, polyoxyethylene alkyl ether, polyoxyethylene octylphenyl ether, polyoxyethylene nonylphenyl ether, sorbitan laurate, sorbitan palmitate, sorbitan oleate, sorbitan stearate, polyoxyethylene sorbitan monolaurate, polyoxyethylene sorbitan monopalmitate, polyoxyethylene sorbitan monoleate and polyoxyethylene sorbitan monostearate, an ampholytic surfactant selected from the group consisting of dimethylalkyl betaine, an alkyl glycine, amide betaine, imidazoline, perfluoroalkylamino sulfonate and perfluoroalkyl betaine, and a cationic surfactant selected from the group consisting of octadecyldimethylbenzylammonium chloride, alkylidimethylbenzylammonium chloride,

tetradecyldimethylbenzylammonium chloride, dioleyldimethylammonium chloride,
octadecyltrimethylammonium chloride, alkyltrimethylammonium chloride, dodecyltrimethylammonium
chloride, hexadecyltrimethylammonium chloride, a octadecylamine acetate, hexadecylamine acetate,
perfluoro-alkyltrimethylammonium salt and perfluoroalkyl quaternary ammonium salt.

Claim 20 (previously presented) The glass etching composition as claimed in claim 16 or 17, further comprising at least one selected from the group consisting of acetic acid, citric acid and phosphoric acid, and a buffer for adjusting the pH of the glass etching composition.

Claim 21 (previously presented) The glass etching composition as claimed in claim 16 or 17, further comprising a dye for coloring the glass etching composition.

Claim 22 (canceled)

Claim 23 (canceled)

Claim 24 (canceled)

Claim 25 (canceled)

Claim 26 (canceled)

Claim 27 (currently amended) A frosting method for frosting a glass surface by using a glass etching composition, comprising the steps of:

- (a) cleaning the glass surface with a cleaning agent and wiping the glass surface dry,
- (b) protecting the glass surface by masking a portion of the glass surface where etching is not required,
- (c) coating the glass surface with a glass etching composition ~~comprising 1 to 10 w/v % of fluoride, 20 to 80 v/v % of water and 20 to 80 v/v % of water miscible organic solvent~~ by immersing or spraying to etch the glass surface, and
- (d) cleaning the glass surface again, and removing the glass etching composition and the masking ~~therefrom~~; therefrom;

wherein said glass etching composition is a glass etching composition consisting essentially of 1 to 10 w/v % of a fluoride selected from the group consisting of sodium fluoride, potassium fluoride, ammonium fluoride, sodium bifluoride, potassium bifluoride and ammonium bifluoride, 20 to 80 v/v % of water, 20 to 80 v/v % of a water-miscible organic solvent selected from the group consisting of glycerin, a glycol, a glycol ether and an alcohol, or a glass etching composition consisting essentially of 1 to 10 w/v % of a fluoride selected from the group consisting of sodium fluoride, potassium fluoride, ammonium fluoride, sodium bifluoride, potassium bifluoride and ammonium bifluoride, 20 to 80 v/v % of water, 20 to 80 v/v % of a water-miscible organic solvent selected from the group consisting of glycerin, a glycol, a glycol ether and an alcohol and 1 to 10 w/v % of a gelling agent selected from the group consisting of hydroxypropyl cellulose, hydroxyethyl cellulose, methyl cellulose, carboxymethyl cellulose and sodium carboxymethyl cellulose.

Claim 28 (canceled)

Claim 29 (currently amended) The frosting method as claimed in claim 27 ~~or 28~~, wherein said cleaning agent is at least one selected from the group consisting of water, a soap, a household cleanser and a household detergent.

Claim 30 (previously presented) The frosting method as claimed in claim 27, wherein said masking is made by an oily pen, an oily paint, a resin paint, an acrylic paint, a masking tape, a seal, a silk screen printing method, or other printing methods.

Claim 31 (currently amended) The glass etching composition as claimed in ~~claim 24~~ claim 16 or 17, wherein said glycol is at least one selected from the group consisting of methyl glycol, ethyl glycol, methylene glycol, ethylene glycol, propylene glycol, dimethylene glycol, diethylene glycol, dipropylene glycol, polymethylene glycol, and polyethylene glycol.

Claim 32 (currently amended) The glass etching composition as claimed in ~~claim 24~~ claim 16 or 17, wherein said glycol ether is at least one selected from the group consisting of ethylene glycol monomethyl ether, ethylene glycol monoethyl ether, diethylene glycol monomethyl ether, diethylene glycol monoethyl ether, diethylene glycol monoisopropyl ether, diethylene glycol monobutyl ether,

dipropylene glycol monomethyl ether, dipropylene glycol monoethyl ether, dipropylene glycol monoisopropyl ether, and dipropylene glycol monobutyl ether.

Claim 33 (currently amended) The glass etching composition as claimed in ~~claim 24~~ claim 16 or 17, wherein said alcohol is at least one selected from the group consisting of methanol, ethanol, propyl alcohol, isopropyl alcohol, butyl alcohol, isobutyl alcohol, 1,2-ethane diol, 1,2-propane diol, 1,3-propane diol, 1,4-butane diol, 1,2,3-propane triol, 1,2,6-hexane triol and sorbitol.

Claim 34 (canceled)

Claim 35 (canceled)

Claim 36 (canceled)

Claim 37 (canceled)

Claim 38 (previously presented) The frosting method as claimed in claim 27, wherein the glass etching composition is coated by applying with a brush or squeezing from a tube.

Claim 39 (new) The glass etching composition as claimed in claim 16 or 17, wherein the concentration of said fluoride is 2 to 5 w/v %.

Claim 40 (new) The frosting method as claimed in claim 27, wherein the concentration of said fluoride is 2 to 5 w/v%.